Recombinant Human CRLF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRLF3-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CRLF3 MS Standard C13 and N15-labeled recombinant protein (NP_057070) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a cytokine receptor-like factor that may negatively regulate cell cycle progression at the G0/G1 phase. Studies of the related rat protein suggest that it may regulate neuronal morphology and synaptic vesicle biogenesis. This gene is one of several genes located in the neurofibromatosis type I tumor suppressor region on the q arm of chromosome 17, a region that is subject to microdeletions, duplications, chromosomal breaks and rearrangements. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2 and 5.
Molecular Mass	49.8 kDa
AA Sequence	MRGAMELEPELLLQEARENVEAAQSYRRELGHRLEGLREARRQIKESASQTRDVLK QHFNDLKGTLGKLLDERLVTLLQEVDTIEQETIKPLDDCQKLIEHGVNTAEDLVREGEI AMLGGVGEENEKLWSFTKKASHIQLDSLPEVPLLVDVPCLSAQLDDSILNIVKDHIFK HGTVASRPPVQIEELIEKPGGIIVRWCKVDDDFTAQDYRLQFRKCTSNHFEDVYVGS ETEFIVLHIDPNVDYQFRVCARGDGRQEWSPWSVPQIGHSTLVPHEWTAGFEGYSL

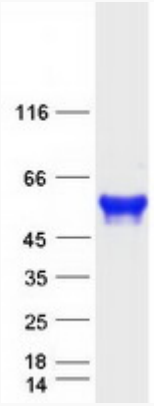
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SSRRNIALRNDSESSGVLYSRAPTYFCGQTLTFRVETVGQPDRRDSIGVCAEKQDG YDSLQRDQAVCISTNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGTTSNNEGG HFKLRVTISSNNREVVFDWLLDQSCGSLYFGCSFFYPGWKVLVFTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CRLF3 cytokine receptor-like factor 3 [Homo sapiens (human)]
Official Symbol	CRLF3
Synonyms	CRLF3; cytokine receptor-like factor 3; CREME9; CYTOR4; cytokine receptor-like molecule 9; cytokine receptor related protein 4; cytokine receptor-related protein 4; type I cytokine receptor like factor; type I cytokine receptor-like factor p48; FRWS; p48.2; CREME-9; MGC20661;
Gene ID	51379
mRNA Refseq	NM_015986

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Protein Refseq	NP_057070
MIM	614853
UniProt ID	Q8IUI8
SDS-PAGE	

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